

REPORT of SURVEY for REPAIRS, &c.

Date of writing Report 14th Jan 1942 When handed in at Local Office 14th Jan 1942 Port of Singapore
 No. in Survey held at Singapore Date, First Survey 7th Jan 1942 Last Survey 12th Jan 1942
 Reg. Book. 45532 on the Wood Iron Steel T.M.V. "HARPA" (No. Visits 3)

TONNAGE - Built at Plymouth By whom Hawthorn, Leslie & Co. Ltd. When 1931 - 2
 GROSS 3007 Owners Anglo-Saxon Petroleum Co. Ltd. Owners' Address (if not already recorded in Appendix to Register Book)
 UNDER DEK. 2251 Managers ✓ Port belonging to London
 NET 1630

Surveyed Afloat in Dry Dock? Yes Name of Dock ✓ Destined Voyage ✓
 WB = Cell D Bor DBa fe; uE&B fe; f fe Particulars of Classification (which must be inserted precisely as in Register Book & Supplements)

If the Vessel has Water Ballast Tanks, state whether the manhole covers have been removed, and the insides of the tanks examined. Also state the amount of deterioration (if any) found in the thicknesses of the floors, framing, girders, and of the inner bottom plating, especially in the boiler space.
 Last Report, No. 6989 Port Sing

CHARACTER, * for Special Survey, Date of last survey and of Periodical Surveys.	Year Assigned (including date of S.D., if any)	Machinery and Boiler surveys (including date of S.D., if any)
<u>100A1</u>	<u>9.41</u>	<u>L.M.C.</u>
<u>S.S. 5N6. N° 2-39</u>	<u>12, 39</u>	<u>C.S. 12, 39</u>
<u>Carrying Petroleum in bulk.</u>	<u>8.41</u>	<u>D.B.S. 9, 41</u>
		<u>C.L. 1, 39</u>
		<u>8.41</u>
		<u>Study. 41</u>

(Periodical surveys, when held, must be reported in detail and scriptum in the terms of the Rules. State clearly the cause of repairs, if any, and, in detail, the nature and extent of examinations and subsequent repairs. Repairs on account of damage (the cause of which must be stated) should be separated from repairs due to other causes; and besides being detailed in the body of the report, should be summarised in the form shown below. Whenever the replacement of Anchors or Chains is reported the particulars should be clearly stated in the space provided on the back of this form. State also the dates and initials of any letters respecting this case.)

In damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose and to whom and why they were declined Yes, Owners' Refuse.
 Was a damage report made by anyone else? If so, by whom? ✓

REPAIRS, OR EXAMINATION AS PER RULE, FOR Damage alleged to have been caused by enemy action at an undisclosed place and date. The following temporary repairs were carried out:-
a number of perforated holes in the starboard side sheeplating, starboard trunk side plating and starboard wing tank hatch coamings were efficiently closed with welded patches (about 15).
Several holes and deep scores, on the same plating, which had not pierced the plating were repaired by welding.
Broken guardrails repaired as necessary.

Special Reasons list No. 21:- Nothing was done at this time.
In my opinion, these temporary repairs place the vessel in efficient and seaworthy condition; it is recommended that permanent repairs be carried out at the first convenient opportunity.

SUMMARY OF DAMAGE REPAIRS:-	Shell Plates.	Frames.	R. Frames.	Floors.	Beams.	Str. Plates.	Dk. Plates.	Other Items:-
Renewed	/	/	/	/	/	/	/	Welded patches &c.
Removed and Faired or Repaired	/	/	/	/	/	/	/	
Faired or Repaired in place	/	/	/	/	/	/	/	

PRESENT CONDITION OF THE		Air and Sounding Pipes		Copper, or Y.M. of Wood Vessels (State if on Felt). When put on, Month Year	
Decks	State if Tanks have been examined inside	Dbing. Plates under Sounding Pipes	Copper, or Y.M. of Wood Vessels	Boats	When put on, Month Year
Gaulking of Decks	State if Tanks now tested	Engine Room Skylights	Boats	Masts, Yards, &c.	Condition, how ascertained (State if wedges removed)
Coamings	Bulkheads	Coal Bunkers, Open'gs, Lids, &c.	Oil Bunkers	Sails	Equipment letter
Beams & Fastenings	Ceiling	Oil Bunkers	Scuppers	Chain Locker	Anchor, No. of
Outside Plating	Cement or Asphalt (State which.)	Scuppers	Cargo Hatchways	Cables (State if now ranged)	length (on board) mean diam. Rule length size
" " in way of sidelights	Rudder	Hatches	Hatches	Hawser & Warps	Standing and Running Rigging
Breasthooks	Steering gear and its connections	Plating of Wood Vessels	Gaulking		
Transoms	Windlass	Treenails	Treenails		
Frames	Have pumps now been examined and found efficient?	Breasthooks & Stemson	Breasthooks & Stemson		
Reverse Frames	Have Stanchions now been examined and found efficient?	Transoms Pointers, & Crutches	Transoms Pointers, & Crutches		
Longitudinals	Have Watertight Doors now been examined and found efficient?	Timbers of Frame at openings	Timbers of Frame at openings		
Transverses	Have Ventilators and their Coamings been examined and found efficient?	Ditto Ditto at other places	Ditto Ditto at other places		
Floors		Stringers, Clamps & Sheifs	Stringers, Clamps & Sheifs		
Keelsons		Salting	Salting		
Stringers					
Inner Bottom Plating					

General Observations, Opinion as to Class, Recommendation, &c.:-
 State clearly whether any and, if so, what alteration is suggested to be made in the existing classification and notification of the vessel in the Register Book consequent upon this survey, thus, for example:- "to remain as now classed in the Register Book without fresh record of survey," "to remain as classed and to have record of survey, 1.24," or "to remain as classed and to have record of survey, 1.24, and the notations of ss No. 1-24 and ptND24, &c."
This vessel is eligible, in my opinion, to remain, as now classed in the Register Book without fresh record of survey subject to the damaged sheeplating &c. (s.s.) being permanently repaired at the first convenient opportunity, and to all outstanding repairs being dealt with, as previously recommended.

Survey Fee (per Section 20) \$40/- Fees applied for, 12/11 1942. J.H.P.
 Special Damage or Repair Fee (if any) --- Received by me, John H. Formald.
 Travelling Expenses (if chargeable) \$10/-
 Second Surveyor's Fee (if any) ---

Committee's Minute FRI. 22 MAR 1942
 Character Assigned As now Subject
 Surveyor to Lloyd's Register of Shipping



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